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(74) Agent: **COHEN, Julius, S.**; Philips Intellectual Property & Standards, Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

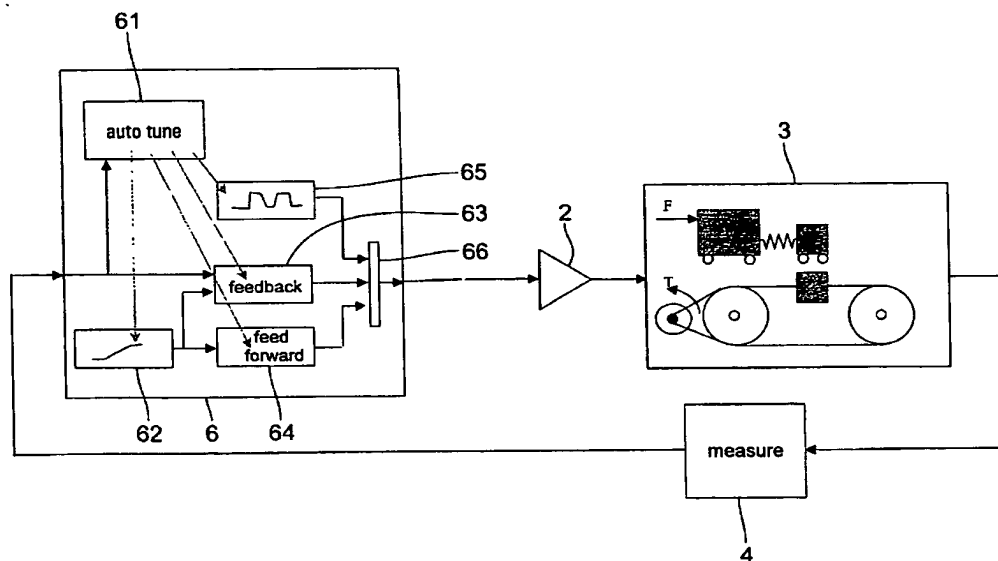
(75) Inventors/Applicants (*for US only*): **RIJS, Robertus, M., G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GAAL, Erik, W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DIRKX, Walrick, A., A., F.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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(54) Title: METHOD AND DEVICE FOR IDENTIFICATION OF THE PARAMETERS OF AN ELECTRO-MECHANICAL SYSTEM



(57) Abstract: The present invention relates to a method for identification of the parameters of an electro-mechanical system, in particular an electro-mechanical servo system, comprising a mass actuated by a force. Based on the time response of the system on the application of a constant force, in particular on a block-wave output of the system, the parameters friction, mass and damping of the system are estimated. This allows accurate feedback and feedforward tuning of the controller. Further, control optimisation can be performed by an iterative procedure.

WO 2004/015507 A1